

# MALE FORESKIN REPLACEMENT FOR SENSATION PRESERVATION

## **CROSS-REFERENCE TO RELATED APPLICATIONS**

NONE

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### **STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT**

Research and development of this invention and Application have not been federally sponsored, and no rights are given under any Federal program.

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### **REFERENCE TO A MICROFICHE APPENDIX**

NOT APPLICABLE

## **BACKGROUND OF THE INVENTION**

### **FIELD OF THE INVENTION**

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This invention relates to a male foreskin synthetic replacement, in general, and to one having the characteristics of preserving sensitivity while offering anti-urine drip/anti-urine stain protection at the same time, in particular.

### **DESCRIPTION OF THE RELATED ART**

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As is well known and understood, in past years, much research has been done on increasing male sexual sensitivity through the prescribing of medications and through the taking of various nutritional supplements. Although such takings have proven effective, they serve no purpose at all in preserving sensitivity adversely affected by such clothing as undershorts and trousers coming in contact with and/or rubbing against the male organ throughout the day. As will be understood, this

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becomes more recognizable once it is realized that some 90% of the male population in the United States undergo foreskin removal as a health protective measure, thereby removing the protection that is otherwise there provided.

5      Summary of the Invention

As will become clear from the following description, the present invention describes a synthetic replacement for the male foreskin which helps preserve sensation by allowing no clothing to ever touch the penis again -- while ensuring that any such  
10      contact would only be had by the wearer or by the wearer's sexual partner. As will also be understood, the present invention could also serve in similar fashion to panty liners employed by females in providing an anti-urine drip/anti-urine stain characteristic by virtue of the covering provided --  
15      especially when worn by the older male population where a continuing urine flow after stoppage causes embarrassment.

As will be seen, the male foreskin replacement of the invention incorporates a multi-layer synthetic covering for the penis having four separate layers -- a first in contact with the  
20      penis when worn, of a porosity to allow a urine stream to flow therethrough; a second overlying layer of characteristic to wick fluid away therefrom; a third layer overlying the second layer of a high fluid absorbency; and a fourth layer overlying the third layer porous to air and substantially impervious to fluid  
25      flow. An elasticized material is also provided, according to the invention, at one end of the fourth layer of the covering to

encircle the penis in holding the multi-layer synthetic covering in place. Means are then provided on such fourth layer actuatable on demand to open a closure path communicating through the four layers from a wearer's penis opening.

5           As will be appreciated, such covering can be worn through the day, with the openable closure actuated only when needed. Such elasticized material will be appreciated to hold the multi-layer covering in place, and can be in the nature of a band to be rolled some 1-1/2" onto the male organ, and just tight enough  
10       to be retained in position without unnecessary pressure.

          In preferred embodiments of the invention, the first layer may be composed of a gauze-like material, sterile where desired, or of polypropylene. The third layer may be composed of a super  
15       absorbent polymer, such as one capable of holding up to eighty times its own weight in water. The fourth layer, serving as the outer protection against undershorts and trouser contact and irritation may be composed of a rubber, acetate, lambskin or polypropylene material. In any event, when it becomes time for the wearer to urinate, the openable closure is merely actuated  
20       open, and to be then secured after streaming has completed. As will be seen, such closure path opening may be actuated by a hook-and-loop adhesive arrangement, by an overlapping 2-component fold, or by a 2-component clasp arrangement, as an example.

25       Brief Description of the Drawings

          These and other features of the present invention will be

more clearly understood from a consideration of the following description, taken in connection with the accompanying drawings, in which:

FIGURE 1 is a pictorial view of the male foreskin replacement of the invention for wearing in accordance with the illustration of FIGURE 2;

FIGURE 3 is an illustration of the foreskin replacement when opened; and

FIGURES 4-6 are illustrations helpful in understanding manners by which the foreskin replacement can be actuated open or closed in preserving sensitivity when worn.

#### Detailed Description of the Invention

Referring to the drawings, the male foreskin replacement of the invention is shown as 10 in FIGURE 2, to be worn on the male organ generally shown at 12. Such replacement unit 10 will be understood to be in the nature of a multi-layer synthetic covering having a first layer 14 (FIGURE 1) in contact with the penis when worn, of a porosity to allow a urine stream to flow therethrough; a second layer 16 overlies the layer 14, and is of a characteristic able to wick fluid away from layer 14. In preferred embodiments of the invention, the layer 14 may be of a gauze-like material -- sterile or otherwise -- or may be of polypropylene plastic composition. A third layer 18 overlies the layer 16, and is selected of a high fluid absorbency, such as a super absorbent polymer, capable, for example, of holding up to eighty times its weight in water. A fourth layer 20 overlies the

layer 18, and is porous to air while being substantially impervious to fluid flow. Such multi-layer synthetic will thus be seen to protect the male organ from contact with undershorts or trouser fabric when being worn during the course of a day. To hold the foreskin replacement 10 in place about the penis, an elasticized material 22 is included at one end of the layer 20 for encircling the organ to hold the multi-layer synthetic in position. Such elasticized material 22 may be of any conventional type, able to be rolled, for example, some 1-1/2" along the shaft of the penis. With the elasticized material band 22 rolled or otherwise closed as in FIGURE 2, the foreskin replacement is able to be worn comfortably during the day, preserving the sensitivity of the organ, and protecting it from contact with any clothing worn, preserving it for the sanctity of the wearer's sexual partner.

In further accordance with the invention, the foreskin replacement 10 further includes one of several available manners coupled with the layer 20 and actuable on demand, to open the closure path communicating through the layers to the penis opening of the wearer. With the closure path indicated along the axis 24, the direction of actuation to open the path leads to the view of FIGURE 3, obtainable in one fashion through the use of an overlapping hook-and-loop adhesive combination shown as 30, 32 in FIGURE 4. Where the opening of the closure path is controllable as by an overlapping 2-component fold of the kind typified in male undershorts, the openable closure would take on

the appearance in FIGURE 5 where the overlapping fold is illustrated by the reference notations 40 and 41-42. Any other type of openable closure could also be had, as with a button fly openable closure, a zip-locking type of closure or by a snap-fly type of closure along the lines of FIGURE 6 with the closure control shown at 50.

As will be seen, the foreskin synthetic replacement of the invention can be selected of any type material as would protect the sensitivity of the male organ by keeping its skin thus insulated from any contacting fabric -- thereby preserving its sensitivity for the wearer's partner. At the same time, it will be seen that the "porosity" characteristics and "wicking" abilities of the synthetic layers serve in absorbing any post urination fluid drip that might continue, in protecting the wearer's outer clothing against staining. Once the closure path of the synthetic is restored, the undershorts and trousers are thus protected, affording to the wearer the same type of panty liner protection as is affordable to the female of the species. In such manner, the foreskin replacement arrangement of the invention provides the dual purpose of sensitivity preservation and anti-drip/anti-staining.

While there have been described what are considered to be preferred embodiments of the present invention, it will be readily understood by those skilled in the art that modifications can be made without departing from the scope of the teachings herein. Thus, whereas a preferred embodiment of

the invention provides quite adequate sensitivity preservation with the use of a fourth layer 20 composed of one of a rubber acetate, lambskin or polypropylene material, any type of material can be selected as long as it restricts a urine flow stream through it while providing sufficient insulation protection against clothing abrasion. For at least such reason, therefore, resort should be had to the claims appended hereto for a true understanding of the scope of the invention.